

CLAIMS:

What is claimed is:

- 1 1. A hand-held wireless communication device comprising:
 - 2 a processor;
 - 3 a display; and
 - 4 a storage device having a browser stored therein, which, when executed by the processor, displays a dual browser/application menu on the display in response to a user input, wherein the dual browser/application menu includes
 - 5 a plurality of icons arranged in a row, each of the icons representing a different browser-specific function; and
 - 6 a plurality of substantially text-based items arranged in a list in proximity
 - 7 to, but oriented differently from, the plurality of icons, each of the substantially text-based items representing a different application-specific function.
 - 1 2. A hand-held wireless communication device as recited in claim 1, wherein the hand-held wireless communication device lacks a direct pointing device.
 - 1 3. A hand-held wireless communication device as recited in claim 1, wherein the plurality of icons are arranged in a horizontal row within the dual browser/application

3 menu, and wherein the plurality of items are arranged in a vertical list within the dual
4 browser/application menu.

1 4. A hand-held wireless communication device as recited in claim 3, wherein the
2 plurality of icons are horizontally scrollable while the plurality of items are visible.

1 5. A hand-held wireless communication device as recited in claim 1, wherein the dual
2 browser/application menu further includes a horizontally oriented dismiss bar in
3 proximity to the plurality of icons and the plurality of substantially text-based items,
4 the dismiss bar selectable by the user to dismiss the dual browser/application menu.

1 6. A hand-held wireless communication device as recited in claim 1, wherein each of
2 the browser-specific functions and the application specific functions are selectable using
3 one or more softkeys of the hand-held wireless communication device.

1 7. A hand-held wireless communication device which provides a dual
2 browser/application menu, wherein the hand-held wireless communication device
3 lacks a direct pointing device, and wherein the hand-held wireless communication
4 device comprises:

5 a processor;
6 a display; and

7 a storage device having a browser stored therein, which, when executed by the
8 processor, displays the dual browser/application menu on the display in response to a
9 user input, wherein the dual browser/application menu includes
10 a plurality of icons arranged in a horizontal row, each of the icons
11 representing a different browser-specific function, each of the icons individually
12 selectable by a user of the hand-held wireless communication device;
13 a plurality of substantially text-based items arranged in a vertical list
14 below the icons, each of the substantially text-based items representing a different
15 application-specific function and individually selectable by the user; and
16 a horizontally oriented dismiss bar selectable by the user to dismiss the
17 dual browser/application menu.

8. A hand-held wireless communication device as recited in claim 7, wherein the
2 plurality of icons are horizontally scrollable.

1 9. A hand-held wireless communication device as recited in claim 7, wherein each of
2 the browser-specific functions, the application specific functions, and the dismiss bar
3 are selectable using one or more softkeys of the hand-held wireless communication
4 device.

1 10. A method of providing a browser for a hand-held wireless communication device
2 having a display but lacking a direct pointing device, the method comprising:

3 receiving a user input; and

4 in response to the user input, causing a dual browser/application menu to be

5 displayed on the display, wherein the dual browser/application menu includes

6 a plurality of icons arranged in a row, each of the icons representing a

7 different browser-specific function, each of the icons individually selectable by a user of

8 the hand-held wireless communication device; and

9 a plurality of substantially text-based items arranged in a list in proximity

10 to, but arranged differently from, the plurality of icons, each of the substantially text-

11 based items representing a different application-specific function and individually

12 selectable by the user.

11. A method as recited in claim 10, wherein the dual browser/application menu is entirely controllable by the user without the use of a direct pointing device.

1 12. A method as recited in claim 11, wherein each of the browser-specific functions, the

2 application specific functions, and the dismiss bar are selectable using one or more

3 softkeys of the hand-held wireless communication device.

1 13. A method as recited in claim 11, wherein the dual browser/application menu

2 further comprises a horizontally oriented dismiss bar selectable by the user to dismiss

3 the dual browser/application menu.

1 14. A method as recited in claim 11, wherein the plurality of icons are horizontally
2 scrollable.

1 15. A method of providing a browser for a hand-held wireless communication device
2 having a display but lacking a direct pointing device, the method comprising:

3 receiving a user input; and

4 in response to the user input, causing a dual browser/application menu to be
5 displayed on the display, wherein the dual browser/application menu includes
6 a plurality of icons arranged in a horizontal row, each of the icons
7 representing a different browser-specific function, each of the icons individually
8 selectable by a user of the hand-held wireless communication device;

9 a plurality of substantially text-based items arranged in a vertical list
10 below the icons, each of the substantially text-based items representing a different
11 application-specific function and individually selectable by the user; and
12 a horizontally oriented dismiss bar selectable by the user to dismiss the
13 dual browser/application menu.

1 16. A method as recited in claim 15, wherein the dual browser/application menu is
2 entirely controllable by the user without the use of a direct pointing device.

1 17. A method as recited in claim 15, wherein each of the browser-specific functions, the
2 application specific functions, and the dismiss bar are selectable using one or more
3 softkeys of the hand-held wireless communication device.

1 18. A method as recited in claim 15, wherein the plurality of icons are horizontally
2 scrollable.

1 19. A method of providing a browser for a hand-held wireless communication device
2 having a display but lacking a direct pointing device, the method comprising:

3 receiving a user input; and

4 in response to the user input, causing a dual browser/application menu to be
5 displayed on the display, wherein the dual browser/application menu includes

6 a plurality of icons arranged in a horizontal row, each of the icons
7 representing a different browser-specific function, each of the icons individually
8 selectable by a user of the hand-held wireless communication device;

9 a plurality of substantially text-based items arranged in a vertical list
10 below the icons, each of the substantially text-based items representing a different
11 application-specific function and individually selectable by the user; and

12 a horizontally oriented dismiss bar selectable by the user to dismiss the
13 dual browser/application menu.

1 20. A method as recited in claim 19, wherein each of the browser-specific functions, the
2 application specific functions, and the dismiss bar are selectable using one or more
3 softkeys of the hand-held wireless communication device.

1 21. A method as recited in claim 19, wherein the plurality of icons are horizontally
2 scrollable while the plurality of substantially text-based items are visible.

22. A machine readable program storage medium having stored therein a browser
usable by a hand-held wireless communication device having a display but lacking a
direct pointing device, wherein the browser, when executed on the hand-held wireless
communication device, performs a method comprising:

5 receiving a user input; and

6 in response to the user input, causing a dual browser/application menu to be

7 displayed on the display, wherein the dual browser/application menu includes

8 a plurality of icons arranged in a horizontal row, each of the icons
9 representing a different browser-specific function, each of the icons individually
10 selectable by a user of the hand-held wireless communication device;

11 a plurality of substantially text-based items arranged in a vertical list

12 below the icons, each of the substantially text-based items representing a different
13 application-specific function and individually selectable by the user; and

14 a horizontally oriented dismiss bar selectable by the user to dismiss the
15 dual browser/application menu.

1 23. A machine readable program storage medium as recited in claim 22, wherein the
2 dual browser/application menu is entirely controllable by the user without the use of a
3 direct pointing device.

1 24. A machine readable program storage medium as recited in claim 22, wherein each
2 of the browser-specific functions, the application specific functions, and the dismiss bar
3 are selectable using one or more softkeys of the hand-held wireless communication
4 device.

1 25. A machine readable program storage medium as recited in claim 22, wherein the
2 plurality of icons are horizontally scrollable.

1 26. A hand-held wireless communication device comprising:
2 a processor;
3 a display; and
4 a storage device having a browser stored therein, which when executed by the
5 processor:
6 persistently displays an icon in a predetermined part of each of a plurality
7 of display screens of hyperlinked content, the icon representing a pop-up browser
8 menu that contains a plurality of items representing browser-specific features;

9 responds to user selection of a predetermined selectable item in any of the
10 display screens by providing a user-perceivable indication that the pop-up browser
11 menu is currently selectable; and

12 responds to a selection input when the pop-up browser menu is currently
13 selectable by displaying the pop-up browser menu.

1 27. A hand-held wireless communication device as recited in claim 26, wherein:
2 the hand-held wireless communication device further comprises a selection control and
3 a set of directional controls for moving a selection indicator bi-directionally along only a
4 single axis; and
5 the hand-held wireless communication device lacks a direct pointing device;
6 and wherein the pop-up browser menu can be accessed by a user using only the set of
7 directional controls and the selection control.

1 28. A hand-held wireless communication device as recited in claim 26, wherein the
2 predetermined part of each of the display screens is a title bar of each of the display
3 screens.

1 29. A hand-held wireless communication device as recited in claim 26, wherein the
2 predetermined selectable item is a top selectable item in any of the display screens.

1 30. A hand-held wireless communication device comprising:
2 a processor;

3 a display; and
4 a storage device having a browser stored therein, which when executed by the
5 processor:
6 persistently displays an icon in a title bar of each of a plurality of display
7 screens of hyperlinked content, the icon representing a pop-up browser menu including
8 a plurality of items representing browser-specific features;
9 responds to user selection of a top selectable item in any of the display
10 screens by highlighting the icon to indicate the pop-up browser menu is selectable; and
11 responds to a selection input when the icon is highlighted by displaying
12 the pop-up browser menu.

31. A hand-held wireless communication device as recited in claim 30, wherein:
2 the hand-held wireless communication device further comprises a selection control and
3 a set of directional controls for moving a selection indicator bi-directionally along only a
4 single axis; and
5 the hand-held wireless communication device lacks a direct pointing device;
6 and wherein the pop-up browser menu can be accessed by a user using only the set of
7 directional controls and the selection control.

1 32. A method of providing a browser for a hand-held wireless communication device
2 which lacks a direct pointing device, the method comprising:

3 persistently displaying an icon in a predetermined part of each of a plurality of
4 display screens of hyperlinked content, the icon representing a pop-up browser menu
5 including a plurality of items representing browser-specific features;
6 responding to user selection of a predetermined selectable item in any of the
7 display screens by providing a visually perceivable indication the pop-up browser
8 menu is selectable; and
9 responding to a selection input when the pop-up browser menu is selectable by
10 displaying the pop-up browser menu.

33. A method as recited in claim 32, wherein:
2 the hand-held wireless communication device further comprises a selection control and
3 a set of directional controls for moving a selection indicator bi-directionally along only a
4 single axis; and
5 the pop-up browser menu can be accessed by a user using only the set of directional
6 controls and the selection control.

1 34. A method as recited in claim 32, wherein the predetermined part of each of the
2 display screens is a title bar of each of the display screens.

1 35. A method as recited in claim 34, wherein the predetermined selectable item is a top
2 selectable item in any of the display screens.

1 36. A method of providing a browser for a hand-held wireless communication device
2 which lacks a direct pointing device, the method comprising:
3 persistently displaying an icon in a title bar of each of a plurality of display
4 screens of hyperlinked content, the icon representing a pop-up browser menu including
5 a plurality of items representing browser-specific features;
6 responding to user selection of a top selectable item in any of the display screens
7 by highlighting the icon to indicate the pop-up browser menu is selectable; and
8 responding to a selection input when the icon is highlighted by displaying the
pop-up browser menu.

1 37. A method as recited in claim 36, wherein:
the hand-held wireless communication device further comprises a selection control and
a set of directional controls for moving a selection indicator bi-directionally along only a
4 single axis; and
5 the pop-up browser menu can be accessed by a user using only the set of directional
6 controls and the selection control.

1 38. A machine readable program storage medium having stored therein a browser
2 usable by a hand-held wireless communication device having a display but lacking a
3 direct pointing device, wherein the browser, when executed on the hand-held wireless
4 communication device, performs a method comprising:

5 persistently displaying an icon in a title bar of each of a plurality of display
6 screens of hyperlinked content, the icon representing a pop-up browser menu including
7 a plurality of items representing browser-specific features;
8 responding to user selection of a top selectable item in any of the display screens
9 by highlighting the icon to indicate the pop-up browser menu is selectable; and
10 responding to a selection input when the icon is highlighted by displaying the
10 pop-up browser menu.

39. A machine readable program storage medium as recited in claim 38, wherein:
the hand-held wireless communication device further comprises a selection control and
a set of directional controls for moving a selection indicator bi-directionally along only a
single axis; and
the pop-up browser menu can be accessed by a user using only the set of directional
6 controls and the selection control.

1 40. A hand-held wireless communication device comprising:
2 a processor;
3 a display; and
4 a storage device having a browser stored therein, which when executed by the
5 processor:
6 displays a plurality of user-editable controls on the display;

7 places one of the controls in an editable mode to enable editing of the
8 control by a user;
9 receives a user input for editing said one of the controls; and
10 in response to a single user input indicating that editing of said one of the
11 controls is complete, automatically places a next one of the controls in an editable mode
12 without requiring additional user input.

41. A hand-held wireless communication device as recited in claim 40, wherein if said
next one of the controls is not currently visible on the display when said single user
input is received, the display is automatically scrolled to place said next one of the
controls in view in the editable mode in response to said single user input.

42. A hand-held wireless communication device as recited in claim 40, wherein:
2 said one of the controls comprises a plurality of radio buttons;
3 the user input indicating that editing of said one of the controls is complete
4 comprises selection of one of the radio buttons; and
5 at least one of the plurality of radio buttons is located on the display between the
6 selected radio button and said next one of the controls;
7 such that, in response to selection of said one of the radio buttons, the browser
8 directly selects said next one of the controls for editing, without selecting any of the
9 other radio buttons for editing.

1 43. A hand-held wireless communication device as recited in claim 40, wherein said
2 next one of the controls is the control which is located closest to said one of the controls
3 on the display.

1 44. A hand-held wireless communication device comprising:

2 a processor;

3 a display; and

4 a storage device having a browser stored therein, which when executed by the
5 processor:

6 displays a plurality of user-editable controls on the display;

7 places one of the controls in an editable mode to enable editing of the

8 control by a user, wherein said one of the controls includes a plurality of user-selectable
9 items that can be sequentially highlighted in response to user inputs;

10 receives a user input selecting one of the items within said one of the
11 controls; and

12 in response to the user input selecting said one of the items within said

13 one of the controls, automatically places a next one of the controls in an editable mode
14 without requiring additional input from the user; wherein

15 at least one of the items other than the selected item is located

16 between the selected item and said next one of the controls on the display, such that in
17 response to the user input selecting said one of the items, the browser directly selects

18 said next one of the controls for editing without first selecting any of the others of said
19 items; and

- 20 if said next one of the controls is not currently visible on the display
- 21 when said single user input is received, the display is automatically scrolled to place
- 22 said next one of the controls in view in the editable mode in response to said single user
- 23 input.

45. A hand-held wireless communication device as recited in claim 44, wherein said one of the controls comprises a plurality of radio buttons, such that each of the user-selectable items is one of the radio buttons.

46. A hand-held wireless communication device as recited in claim 44, wherein said next one of the controls is the control which is located closest to said one of the controls on the display.

- 1 47. A method of providing a browser for a hand-held wireless communication device
- 2 which lacks a direct pointing device, the method comprising:
- 3 displaying a plurality of user-editable controls on the display;
- 4 placing one of the controls in an editable mode to enable editing of the control by
- 5 a user;
- 6 receiving a user input for editing said one of the controls; and

7 in response to a single user input indicating that editing of said one of the
8 controls is complete, automatically placing a next one of the controls in an editable
9 mode without requiring additional user input.

1 48. A method as recited in claim 47, wherein the method further comprises, if said next
2 one of the controls is not currently visible on the display when said single user input is
3 received, automatically scrolling the display to place said next one of the controls in
4 view in the editable mode in response to said single user input.

4 49. A method as recited in claim 47, wherein:

2 said one of the controls comprises a plurality of radio buttons;

3 the user input indicating that editing of said one of the controls is complete
4 comprises selection of one of the radio buttons; and

5 at least one of the radio buttons is located between the selected radio button and
6 said next one of the controls;

7 such that, in response to the user input indicating that the editing is complete,
8 said next one of the controls is directly selected for editing without first selecting any
9 other of said radio buttons for editing.

1 50. A method as recited in claim 47, wherein said next one of the controls is the control
2 which is located closest to said one of the controls on the display.

1 51. A machine readable program storage medium having stored therein a browser
2 usable by a hand-held wireless communication device having a display but lacking a
3 direct pointing device, wherein the browser, when executed on the hand-held wireless
4 communication device, performs a method comprising:
5 displaying a plurality of user-editable controls on the display;
6 placing one of the controls in an editable mode to enable editing of the control by
7 a user, wherein said one of the controls includes a plurality of user-selectable items that
8 can be sequentially highlighted in response to user inputs;
9 receiving a user input selecting one of the items within said one of the controls;
10 and
11 in response to the user input that selects said one of the items within said one of
12 the controls, automatically placing a next one of the controls in an editable mode
13 without requiring additional input from the user, wherein at least one of the items other
14 than the selected item is located between the selected item and said next one of the
15 controls on the display, wherein said automatically placing said next one of the controls
16 in an editable mode comprises directly selecting said next one of the controls for editing
17 without first selecting any of the others of said items.

1 52. A machine readable program storage medium as recited in claim 51, wherein said
2 method further comprises, if said next one of the controls is not currently visible on the
3 display when said single user input is received, automatically scrolling the display to

4 place said next one of the controls in view in the editable mode in response to said
5 single user input.

1 53. A machine readable program storage medium as recited in claim 51, wherein said
2 one of the controls comprises a plurality of radio buttons, such that each of the user-
3 selectable items is one of the radio buttons.

1 54. A machine readable program storage medium as recited in claim 51, wherein said
2 next one of the controls is the control which is located closest to said one of the controls
3 on the display.

1 55. A hand-held wireless communication device which lacks a direct pointing device
2 and which comprises:

3 a processor;

4 a display; and

5 a storage device having a browser stored therein, which when executed by the
6 processor:

7 displays a plurality of user-editable controls on the display; and

8 displays a plurality of softkeys on the display concurrently with

9 displaying any of the user-editable controls, wherein a first softkey is operable to place
10 any of the controls in an editing mode, wherein a second softkey is operable to display a

11 menu when any of the controls is in an editing mode, and wherein the content of the
12 menu varies according to which of the controls is currently in an editing mode.

1 56. A hand-held wireless communication device as recited in claim 55, wherein one of
2 the controls may be edited in each of a plurality of editing modes, including a text input
3 mode, a numerical input mode, and a symbol input mode.

57. A hand-held wireless communication device as recited in claim 56, wherein, when
said one of the controls is currently in one of the plurality of editing modes, the menu
includes a plurality of items that are selectable to allow the user to switch between the
plurality of editing modes.

58. A hand-held wireless communication device as recited in claim 57, wherein the
second softkey visually indicates which of the plurality of editing modes is currently
3 selected.

1 59. A hand-held wireless communication device as recited in claim 55, wherein the
2 second softkey visually indicates which of the plurality of controls is currently in an
3 editing mode.

1 60. A hand-held wireless communication device which lacks a direct pointing device
2 and which comprises:
3 a processor;

4 a display; and

5 a storage device having a browser stored therein, which when executed by the

6 processor:

7 displays a user-editable control on the display, wherein the control may

8 be edited in each of a plurality of editing modes, including a text input mode, a

9 numerical input mode, and a symbol input mode; and

10 displays a plurality of softkeys on the display concurrently with

11 displaying the control, wherein a first softkey is operable to place the control in one of

12 the plurality of editing modes, wherein a second softkey is operable to display a menu

13 when the control is in any of the plurality of editing modes, and wherein the menu

14 includes a plurality of items that are selectable to allow a user to switch between any of

15 the plurality of editing modes.

1 61. A hand-held wireless communication device as recited in claim 60, wherein the

2 content of the menu is dependent upon a current context of the display.

1 62. A hand-held wireless communication device as recited in claim 60, wherein the

2 second softkey visually indicates which of the plurality of editing modes is currently

3 selected.

1 63. A hand-held wireless communication device as recited in claim 60, wherein any of
2 the plurality of editing modes can be selected using the second softkey and without
3 using a pre-assigned physical key.

1 64. A method of providing a browser for a hand-held wireless communication device
2 which lacks a direct pointing device, the method comprising:

3 displaying a plurality of user-editable controls on the display;

4 displaying a plurality of softkeys on the display concurrently with displaying

5 any of the user-editable controls, wherein a first softkey is operable to place any of the
6 controls in an editing mode, wherein a second softkey is operable to display a menu
7 when any of the controls is in an editing mode; and

8 determining the content of the menu according to which of the controls is currently in
9 an editing mode.

1 65. A method as recited in claim 64, wherein one of the controls may be edited in each
2 of a plurality of editing modes, including a text input mode, a numerical input mode,
3 and a symbol input mode.

1 66. A method as recited in claim 64, wherein, when said one of the controls is currently
2 in one of the plurality of editing modes, the menu includes a plurality of items that are
3 selectable to allow the user to switch between the plurality of editing modes.

1 67. A method as recited in claim 66, wherein the second softkey visually indicates
2 which of the plurality of editing modes is currently selected.

1 68. A method as recited in claim 64, wherein the second softkey visually indicates
2 which of the plurality of controls is currently in an editing mode.

1 69. A method of providing a browser for a hand-held wireless communication device
which lacks a direct pointing device, the method comprising:
displaying a user-editable control on the display, wherein the control may be
edited in each of a plurality of editing modes, including a text input mode, a numerical
input mode, and a symbol input mode; and
displaying a plurality of softkeys on the display concurrently with displaying the
control, wherein a first softkey is operable to place the control in one of the editing
modes, wherein a second softkey is operable to display a menu when the control is in
any of the editing modes, and wherein the menu includes a plurality of items that are
selectable to allow a user to switch between any of the plurality of editing modes.

1 70. A method as recited in claim 69, wherein the content of the menu is dependent
2 upon a current context of the display.

1 71. A method as recited in claim 69, wherein the second softkey visually indicates
2 which of the plurality of editing modes is currently selected.

1 72. A method as recited in claim 69, wherein any of the plurality of editing modes can
2 be selected using the second softkey and without using a pre-assigned physical key.

1 73. A machine readable program storage medium having stored therein a browser
2 usable by a hand-held wireless communication device having a display but lacking a
3 direct pointing device, wherein the browser, when executed on the hand-held wireless
4 communication device, performs a method comprising:

5 displaying a plurality of user-editable controls on the display;

6 displaying a plurality of softkeys on the display concurrently with displaying
7 any of the user-editable controls, wherein a first softkey is operable to place any of the
8 controls in an editing mode, wherein a second softkey is operable to display a menu
9 when any of the controls is in an editing mode; and

10 determining the content of the menu according to which of the controls is currently in
11 an editing mode.

1 74. A machine readable program storage medium as recited in claim 73, wherein one of
2 the controls may be edited in each of a plurality of editing modes, including a text input
3 mode, a numerical input mode, and a symbol input mode.

1 75. A machine readable program storage medium as recited in claim 74, wherein, when
2 said one of the controls is currently in one of the plurality of editing modes, the menu

3 includes a plurality of items that are selectable to allow the user to switch between the
4 plurality of editing modes.

1 76. A machine readable program storage medium as recited in claim 75, wherein the
2 second softkey visually indicates which of the plurality of editing modes is currently
3 selected.

1 77. A machine readable program storage medium as recited in claim 73, wherein the
2 second softkey visually indicates which of the plurality of controls is currently in an
3 editing mode.

1 78. A machine readable program storage medium having stored therein a browser
2 usable by a hand-held wireless communication device having a display but lacking a
3 direct pointing device, wherein the browser, when executed on the hand-held wireless
4 communication device, performs a method comprising:

5 displaying a user-editable control on the display, wherein the control may be
6 edited in each of a plurality of editing modes, including a text input mode, a numerical
7 input mode, and a symbol input mode; and

8 displaying a plurality of softkeys on the display concurrently with displaying the
9 control, wherein a first softkey is operable to place the control in one of the editing
10 modes, wherein a second softkey is operable to display a menu when the control is in

11 any of the editing modes, and wherein the menu includes a plurality of items that are
12 selectable to allow a user to switch between any of the plurality of editing modes.

1 79. A machine readable program storage medium as recited in claim 78, wherein the
2 content of the menu is dependent upon a current context of the display.

1 80. A machine readable program storage medium as recited in claim 78, wherein the
second softkey visually indicates which of the plurality of editing modes is currently
selected.

1 81. A machine readable program storage medium as recited in claim 78, wherein any of
the plurality of editing modes can be selected using the second softkey and without
using a pre-assigned physical key.

1 82. A hand-held wireless communication device which lacks a direct pointing device
2 and which comprises:

3 a processor;

4 a display;

5 a pointing device capable of specifying directional inputs along only a single axis; and

6 a storage device having a browser stored therein, which when executed by the
7 processor:

8 displays a table having a plurality of rows, each row having a plurality of
9 user-editable cells;

10 sequentially enables the rows for selection, in response to a plurality of
11 successive user inputs from the pointing device;
12 selects one of the rows which is enabled for selection in response to a user
13 input; and
14 when one of the rows has been selected, sequentially enables cells within
15 the selected row for selection in response to a plurality of successive user inputs at the
16 pointing device.

83. A hand-held wireless communication device as recited in claim 82, wherein the pointing device comprises only a set of up/down directional keys.

84. A hand-held wireless communication device as recited in claim 83, wherein selection of one of the cells enables the cell to be edited by a user.

1 85. A hand-held wireless communication device as recited in claim 84, wherein the
2 table represents a calendar, such that each of the cells represents a day.

1 86. A hand-held wireless communication device as recited in claim 85, wherein each of
2 the rows represents a week.

1 87. A hand-held wireless communication device as recited in claim 82, wherein the
2 browser highlights each row that is enabled for selection.

1 88. A hand-held wireless communication device as recited in claim 82, wherein the
2 browser highlights each cell that is enabled for selection.

1 89. A hand-held wireless communication device which lacks a direct pointing device
2 and which comprises:
3 a processor;
4 a display;
5 a set of up/down directional keys for controlling movement a selection indicator or an
6 insertion point; and
7 a storage device having a browser stored therein, which when executed by the
8 processor:
9 displays a table having a plurality of rows, each row having a plurality of
10 user-editable cells;
11 sequentially enables the rows for selection in response to a plurality of
12 successive user inputs from the up/down directional keys, including highlighting each
13 row when it is enabled for selection;
14 selects one of the rows which is enabled for selection, in response to a user
15 input; and
16 when one of the rows has been selected, sequentially enables cells within
17 the selected row for selection in response to a plurality of successive user inputs at the

18 up/down directional keys, wherein selection of one of the cells enables the cell to be
19 edited by a user.

1 90. A hand-held wireless communication device as recited in claim 89, wherein the
2 table represents a calendar, such that each of the cells represents a day.

1 91. A hand-held wireless communication device as recited in claim 90, wherein each of
the rows represents a week.

92. A hand-held wireless communication device which lacks a direct pointing device
and which comprises:

3 a processor;

4 a display;

5 a pointing device capable of specifying directional inputs along only a single

6 axis; and

7 a storage device having a browser stored therein, which when executed by the
8 processor displays a mark-up language based screen on the display, the mark-up
9 language based screen including

10 a body that is scrollable in response to user inputs from the pointing device; the
11 mark-up language based screen further including

12 a static area located adjacent to the body, wherein the static area includes a
13 control operable in response to user inputs, wherein the static area is non-scrollable so
14 as to remain visible when the body is scrolled.

1 93. A hand-held wireless communication device as recited in claim 92, wherein the
2 pointing device comprises a set of up/down directional keys.

94. A hand-held wireless communication device as recited in claim 92, wherein the user
may move an indicator between the body and the static area by using the pointing
device, the indicator for indicating an item shown on the display.

95. A hand-held wireless communication device as recited in claim 94, wherein the
indicator automatically moves from the static area to the body in response to receiving a
user input from the pointing device when a predetermined item in the static area is
4 indicated by the indicator.

1 96. A hand-held wireless communication device as recited in claim 94, wherein the
2 static area and the body each may include a plurality of items, and wherein the
3 indicator automatically moves from the body to the static area if:
4 the indicator currently indicates a predetermined item in the body in proximity
5 to the static area, and

6 a user input from the pointing device is received specifying movement of the
7 indicator toward the static area, and

8 the body has already been scrolled away from the static area by a maximum
9 amount.

1 97. A hand-held wireless communication device as recited in claim 92, wherein the
2 static area is located along an edge of the display.

1 98. A hand-held wireless communication device as recited in claim 97, wherein the
2 static area is a header of the screen.

1 99. A hand-held wireless communication device as recited in claim 97, wherein the
2 static area is a footer of the screen.